STATE OF NEW YORK / DEPARTMENT OF TRANSPORTATION
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COMMISSIONER

January 10, 1968

TO: ALL DISTRICT ENGINEERS
HIGHWAY MAINTENANCE DIVISION
DIRECTOR OF TRAFFIC ENGINEERING AND SAFETY
ROBERT W. HUNT COMPANY
SUPPLIERS OF TRAFFIC ZONE PAINT

The attached Materials Method N.Y. 6.2 entitled "Sampling and Control of Traffic Zone Paint" dated January 1968 represents certain modifications in the sampling and control procedures previously accorded that product by the Department. Its provisions are effective with paint supplied under awards executed after December 1, 1967 and supersedes all previous instructions.

Basically, the revised method places the evidence of acceptability of delivered product on the presence of the Department's security seal system, thereby eliminating the Department's paper work involving shipment notices covering all shipments. Except for the type of seal used, these revised procedures are compatible with the control currently exercised on all other paints covered by the Department's Division of Construction Specifications.

Pages 6.2-1 through 6.2-6 covers material with which the sampling inspector and the supplier must be familiar. Page 6.2-7 enumerates those items which constitute evidence of acceptability of traffic zone paint at the delivery destination.

Harry H. McLean

Harry H. McLean, Director
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NEW YORK STATE

DEPARTMENT OF TRANSPORTATION

MATERIALS BUREAU

SAMPLING AND CONTROL OF TRAFFIC ZONE PAINT

SCOPE

This method describes specific procedures for the sampling and control of white and yellow traffic zone paints for application as pavement markings by this Department's Office of Maintenance and supersedes all previous instructions for the sampling and control of these products.

GENERAL METHOD

All traffic zone paints as described above shall be sampled by a representative of the Department from filled and properly labeled shipment containers at the manufacturer's plant or supply house subsequent to the completion of manufacture of a lot.

At the time of sampling, the Inspector shall seal each container in the lot in the manner herein described denoting that sampling has been accomplished. All samples shall be tested by the Materials Bureau.

Upon satisfaction of test requirements, an acceptance notice will be issued by the Materials Bureau to the Inspector and he will, at that time, return to the paint manufacturer and supervise the application of the required acceptance identification data on each container in the sampled lot and complete the sealing procedure.

Shipments of these paints to Department locations shall be made only after notification of acceptance has been provided the manufacturer by the Inspector and after the required identification and sealing has been accomplished.

Shipments shall be made by the manufacturer without the benefit of supervision by the Inspector.

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The manufacturer shall send a letter to the Materials Bureau monthly. This letter shall list all shipments made during the previous month from Department accepted lots.

The appropriate seals on each container constitutes evidence of acceptability of the paint at the point of destination.

Any unauthorized tampering with or breaking of the seals between the time that they are affixed and the time that the paint is to be applied may be cause for rejection of the paint.

SAMPLING

1. DEFINITION OF LOT - A lot shall consist of a manufacturer's single batch of a specific color traffic zone paint, produced at one operation, the weight and volume of which may vary, depending on the manufacturer's facilities. As an example, a number of small mill grinds may be reduced together in a large mixer. This reduced material will be considered as one lot and shall be labeled and identified as such.

   Consecutive lot numbers shall be assigned, regardless of color, to each lot by the Inspector in the manner directed by the Materials Bureau. Each lot shall be identified from the time of sampling to the time of application by both this lot number and the manufacturer's batch number.

2. SAMPLING PROCEDURE - Upon notification from the manufacturer that the production and packaging of a lot has been completed, the Inspector shall schedule an inspection call for the purpose of obtaining samples and sealing the containers.

   On arrival at the plant, the Inspector shall ascertain that the lot offered for Department acceptance has been packaged in containers accepted as industry standards and that 55-gal. containers, when used, are of the open head type. The Inspector

shall also ascertain that all containers offered for the lot are stored in a single completely accessible location and that each container has been plainly and permanently marked with the following minimum information:

Name and Address of Manufacturer

Date of Manufacture

Batch Number

Trade Mark or Trade Name

Paint and Color Identification

Number of Gallons

N.Y.S. Purchase Contract Number

Shipping Point

Formula

Application Directions

The Inspector shall personally select three (3) containers of any size at random from the lot. Under his direct supervision, the contents of each of these containers shall be thoroughly mixed on equipment provided by the manufacturer. Immediately following such mixing, an approximate three-pint sample shall be dipped from each container and placed in a clean, dry pail. The composite sample shall be thoroughly mixed (boxing preferred). This sample shall then be packaged in one (1) clean, dry, friction top quart can and four (4) clean, dry, one pint friction top cans. The cover of these cans shall be closed tightly and secured by safety clips supplied by the manufacturer. Upon completion of sampling and before leaving the plant, the Inspector shall seal each container in the lot as follows:

Containers	Sealing Devices	Manner of Sealing
1 Gal. Cans	Red Mylar Security tapes supplied by the Department and imprinted - "Sealed N.Y.S. D.P.W."	Three (3) red mylar security tapes at approximately 120° intervals and parallel to the long axis of the container, equally divided between the cover and the container side.

Containers	Sealing Devices	Manner of Sealing
5 Gal. Pails with lug type covers.	Same as above.	Same as above - The cover lugs shall be considered as a portion of the cover and one end of each seal shall be placed in contact with a lug.
30 or 55 Gal. drums equipped with either nut and bolt type ring seal or a lever type ring seal.	Wire and Department's red metallic security seal labeled "N.Y.S. Sampled"	The wire shall be drawn securely and tightly around the nut and bolt connection with the red metallic security seal affixed in such a manner that the connection could not be loosened without destroying the seal. In the case of a lever type ring seal closure, the wire shall be drawn securely and tightly through the lever and the body of the ring with the red metallic security seal affixed in such a manner that the lever could not be released without destroying the seal.

3. IDENTIFICATION OF SAMPLE - The Inspector shall apply a permanent marking to the side of the sample cans of each lot identifying the supplier's name, N.Y.S. lot number, and the paint identification nomenclature.

   The Inspector shall then execute sample information card, form BR-24, and enclose it with the sample package in accordance ~~to the~~ instructions issued by the Materials Bureau.

The Inspector should supervise the packaging of the sample containers in a suitable carton containing sufficient material to protect the contents in transit. The Inspector should personally dispatch the completed sample package to the Materials Bureau for test. The samples may be made available to the supplier for dispatch provided that the sample containers have been sealed with the Department's red mylar tape in a manner sufficient to insure integrity of the contents. The fact that the samples have been so sealed must be noted on the sample information card, form BR-24.

ACCEPTANCE PROCEDURE

A notice of acceptance shall be issued to the Inspector by the Materials Bureau. Telephone requests to the Materials Bureau for acceptance action, in advance of normal notification, will be honored only when received from the Inspector. All such calls shall be made at the manufacturer's expense.

Upon receipt of the acceptance notice, the Inspector shall return to the manufacturer to supervise the stenciling or labeling of acceptance identification to each container in the lot. For this purpose, the manufacturer shall furnish a stencil or label with the following information thereon:

N.Y.S. D.o.T. Lot No. XX

Accepted (Date)

Test No.

Wt. per Gal. XX.X # (taken from acceptance notice)

The manufacturer shall provide such cooperation and assistance as may be required by the Inspector to efficiently accomplish this identification.

1. At the same time, the Inspector shall affix to the one or five gallon containers three (3) yellow mylar security seals interspersed between the red mylar security seals previously applied. These seals shall be affixed in the manner described under

6.2-3 and 6.2-4. A green metal security seal labeled "N.Y.S. Accepted" shall be affixed to the 30 or 55 gallon drums as described under 6.2-4.

NOTE: The mylar security tapes and metallic security seals constitute an integral part of the acceptance documentation of the paint through to the site of the work. These tapes/seals are the exclusive property of the Department and its officially designated representatives. The Inspector shall be responsible for the tapes and seals supplied to him and shall not permit their possession by anyone other than himself.

SHIPMENT PROCEDURE

Shipments to Department destinations shall be made only after acceptance of the paint and upon completion of the procedures outlined above. Shipments shall be made without benefit of supervision by the Inspector.

Within ten days after the last business day of each month, the manufacturer shall supply the Materials Bureau with a letter which describes the shipment details of all Department accepted lots shipped during that month. This letter shall contain the lot number, test number, color, quantities and destination. The original of the letter shall go to the Materials Bureau and a copy to the Inspector. The Inspector shall use this letter in subsequent trips to the manufacturing site to provide random checks on the remaining inventory. No action will be required on these random checks unless disagreement is found between the stock and the records.

As was the case previously, no shipment from Department inspected lots may be made to sites other than Department projects without the specific written permission of the Materials Bureau.

EVIDENCE OF ACCEPTABILITY

The evidence of acceptability of a shipment of traffic zone paint at the point of destination shall consist of containers properly labeled and sealed in accordance with these Instructions.

Each container, regardless of size, must have the following minimal information marked thereon:

N.Y.S. D.o.T. Lot No.

Date of Acceptance

Test No.

Wt. per Gal.

A summary of the Department seals which must be present on delivery is as follows:

Cans, 1 gallon and 5 gallon -

Red Mylar Security Tapes imprinted "Sealed N.Y.S. D.P.W."
Yellow Mylar Security Tapes imprinted "N.Y.S. D.P.W."

For these containers, the presence of at least three intact security tapes, one of which must be yellow, shall be deemed sufficient.

Drums, 30 gallon and 55 gallon-

One red metal seal imprinted "N.Y.S. Sampled" and one green metal seal imprinted "N.Y.S. Accepted"